

Data File : BN004013.D
Acq On : 17 Dec 2018 01:51
Operator : JU/SJ
Sample : J6236-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F17

Quant Time: Dec 17 06:25:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1988	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10205	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6188	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	643238	0.40	ng/ul	0.10
16) Chrysene-d12	21.61	240	6	0.40	ng/ul	0.20
20) Perylene-d12	23.97	264	64	0.40	ng/ul	0.25

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3214	0.20	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

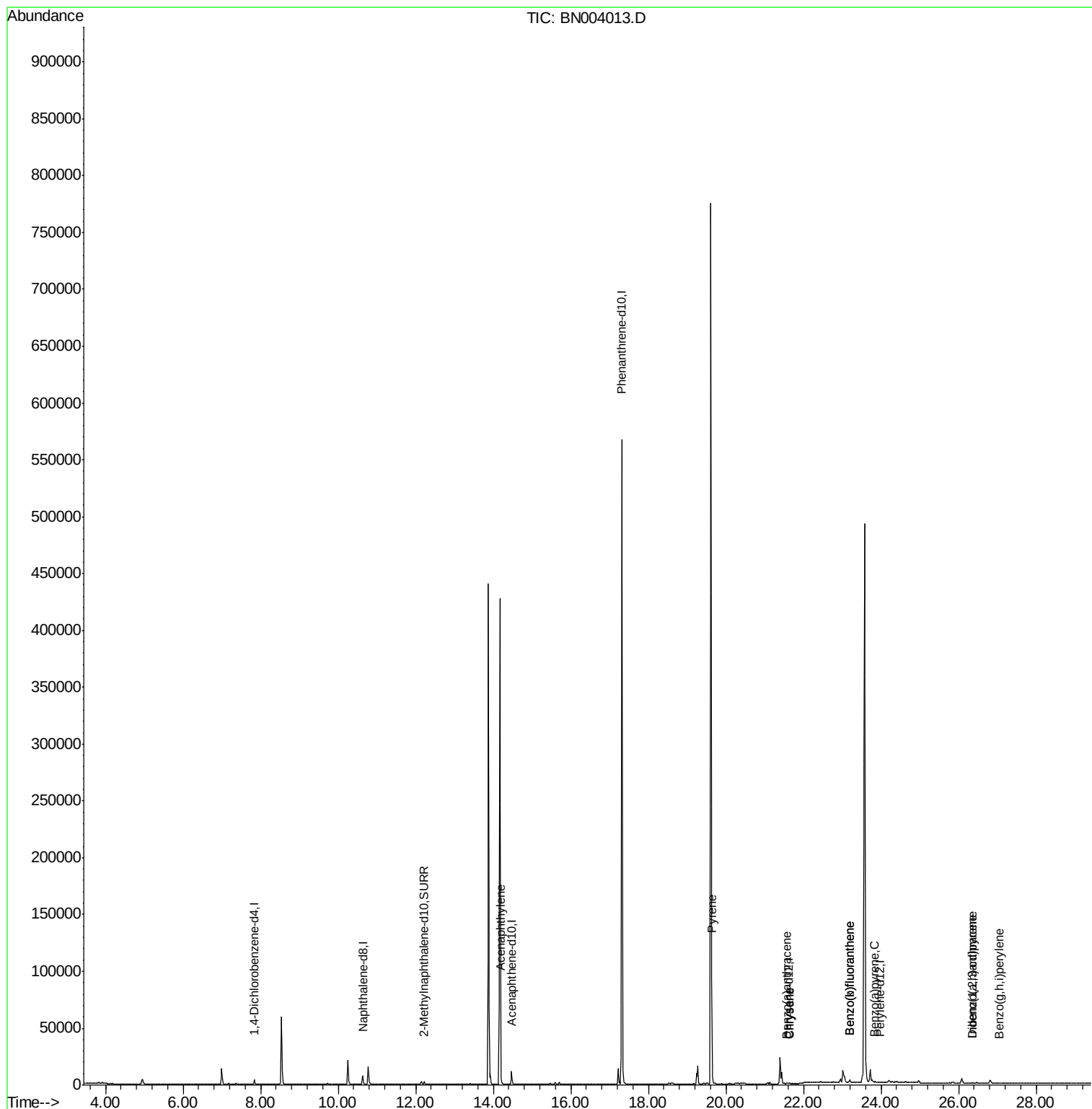
Target Compounds				Qvalue		
7) Acenaphthylene	14.20	152	2517	0.090	ng/ul#	93
17) Pyrene	19.64	202	9022	419.246	ng/ul	94
18) Benzo(a)anthracene	21.55	228	455	24.010	ng/ul#	1
19) Chrysene	21.65	228	15	0.692	ng/ul#	1
21) Benzo(b)fluoranthene	23.19	252	2490	9.405	ng/ul#	43
22) Benzo(k)fluoranthene	23.19	252	2428	9.414	ng/ul#	43
23) Benzo(a)pyrene	23.85	252	167	0.728	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.36	276	308	1.172	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.36	278	1067	5.043	ng/ul#	9
26) Benzo(g,h,i)perylene	27.04	276	71	0.311	ng/ul#	1

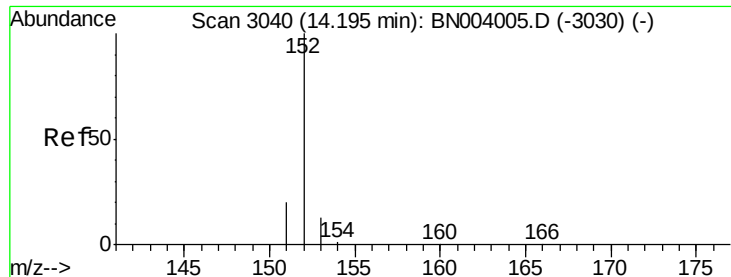
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN004013.D
Acq On : 17 Dec 2018 01:51
Operator : JU/SJ
Sample : J6236-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F17

Quant Time: Dec 17 06:25:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.090 ng/ul

RT: 14.20 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN004013.D

Acq: 17 Dec 2018 01:51

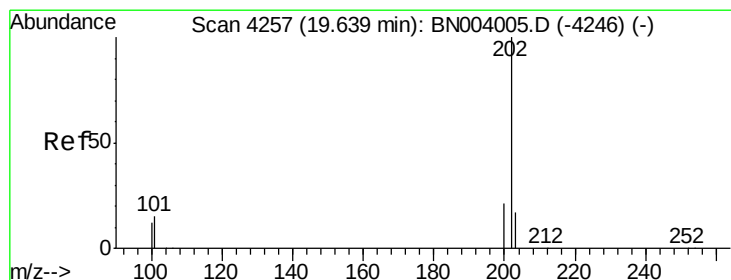
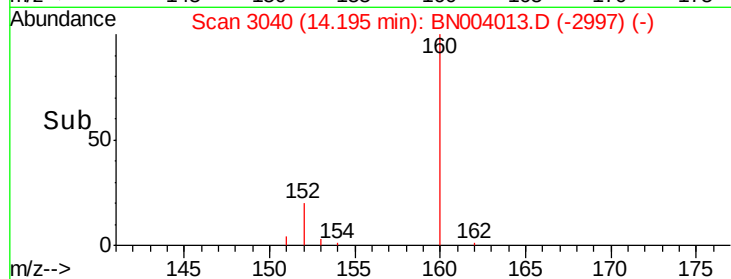
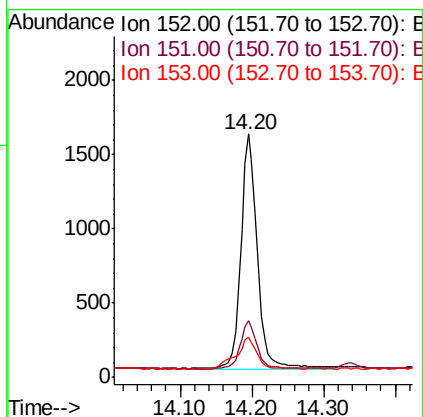
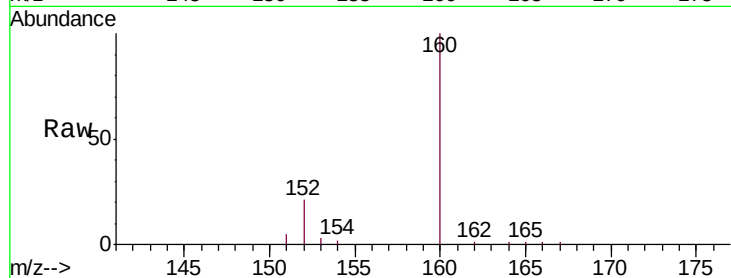
Instrument :

BNA_N

ClientSampleId :

F9F17

Tgt Ion:	152	Resp:	2517
Ion	Ratio	Lower	Upper
152	100		
151	23.1	15.9	23.9
153	16.2	10.7	16.1



#17

Pyrene

Concen: 419.246 ng/ul

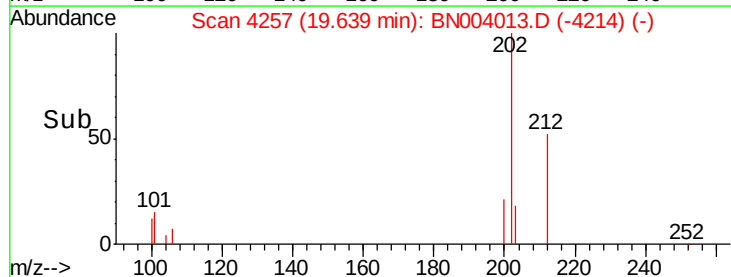
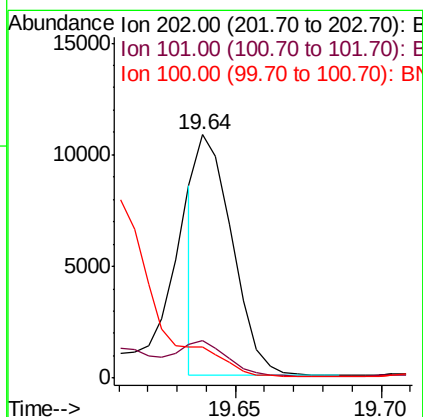
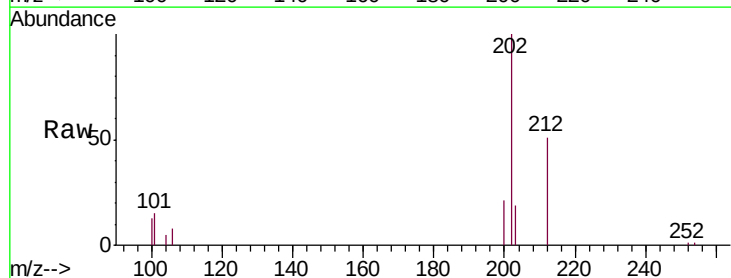
RT: 19.64 min Scan# 4257

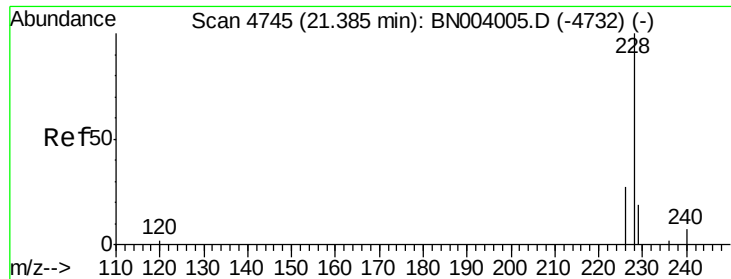
Delta R.T. -0.00 min

Lab File: BN004013.D

Acq: 17 Dec 2018 01:51

Tgt Ion:	202	Resp:	9022
Ion	Ratio	Lower	Upper
202	100		
101	15.3	10.3	15.5
100	12.6	8.5	12.7





#18

Benzo(a)anthracene

Concen: 24.010 ng/ul

RT: 21.55 min Scan# 4803

Delta R.T. 0.17 min

Lab File: BN004013.D

Acq: 17 Dec 2018 01:51

Instrument :

BNA_N

ClientSampleId :

F9F17

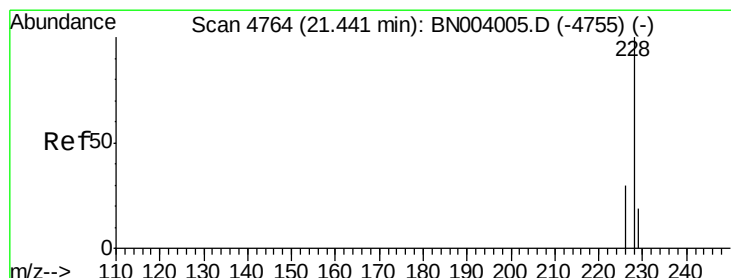
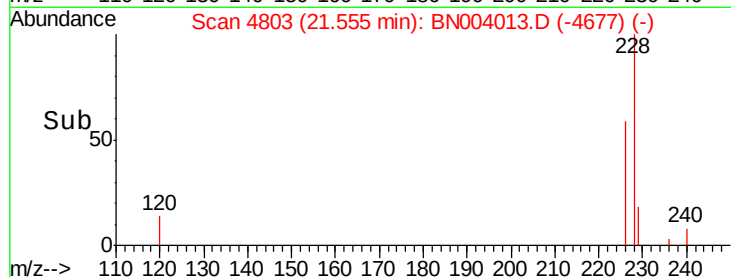
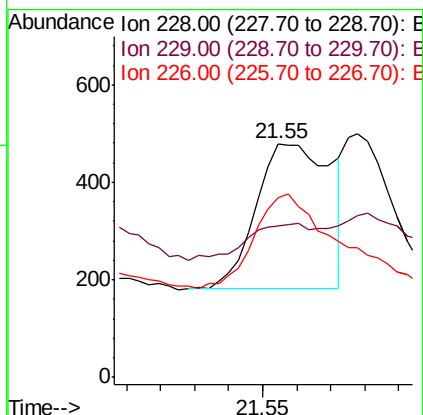
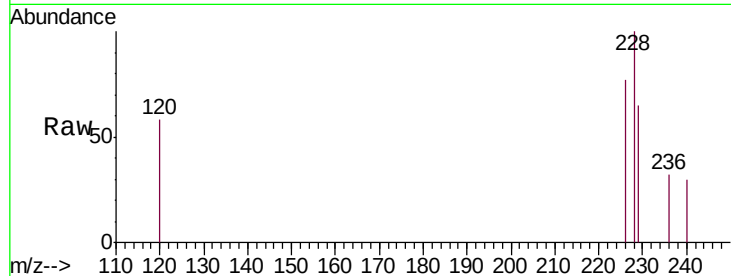
Tgt Ion:228 Resp: 455

Ion Ratio Lower Upper

228 100

229 64.7 15.6 23.4#

226 77.0 21.1 31.7#



#19

Chrysene

Concen: 0.692 ng/ul

RT: 21.65 min Scan# 4836

Delta R.T. 0.21 min

Lab File: BN004013.D

Acq: 17 Dec 2018 01:51

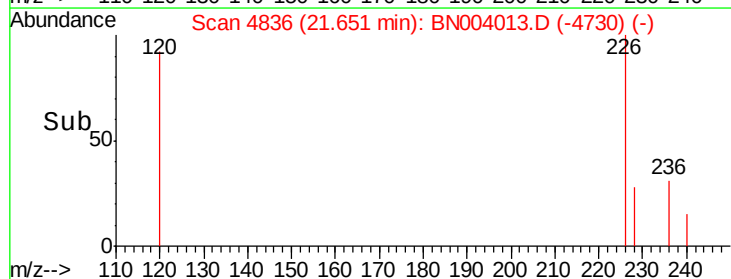
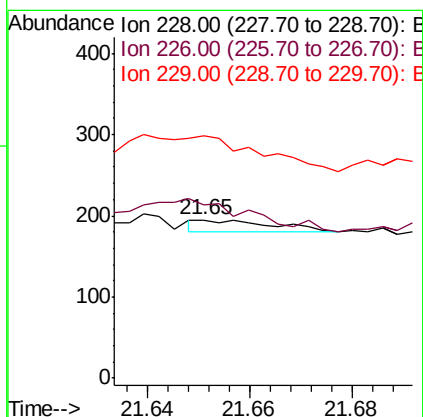
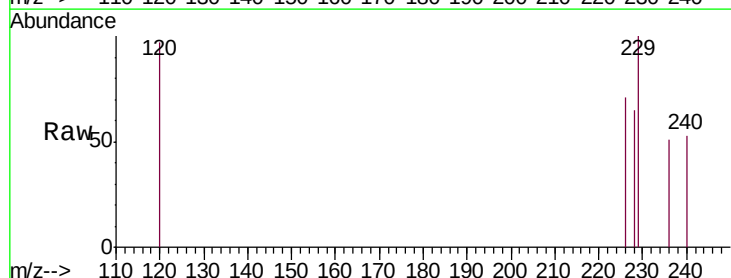
Tgt Ion:228 Resp: 15

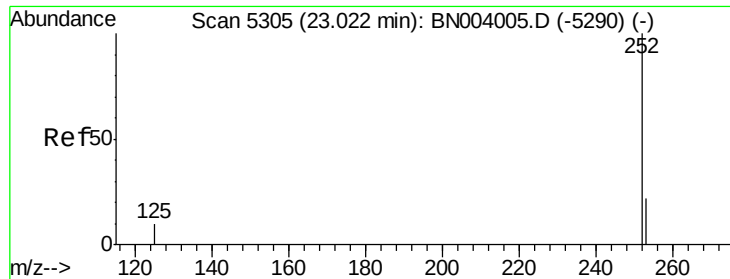
Ion Ratio Lower Upper

228 100

226 109.2 24.0 36.0#

229 152.8 15.7 23.5#





#21

Benzo(b)fluoranthene

Concen: 9.405 ng/ul

RT: 23.19 min Scan# 5364

Delta R.T. 0.17 min

Lab File: BN004013.D

Acq: 17 Dec 2018 01:51

Instrument :

BNA_N

ClientSampleId :

F9F17

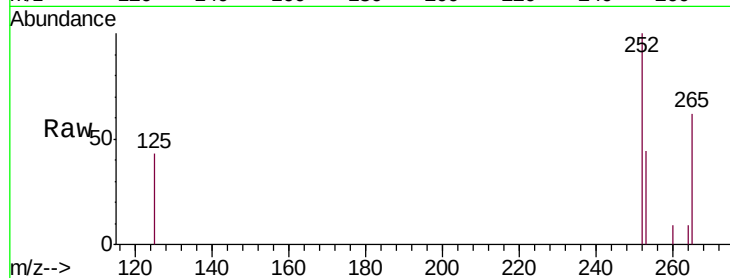
Tgt Ion:252 Resp: 2490

Ion Ratio Lower Upper

252 100

253 44.4 0.0 46.0

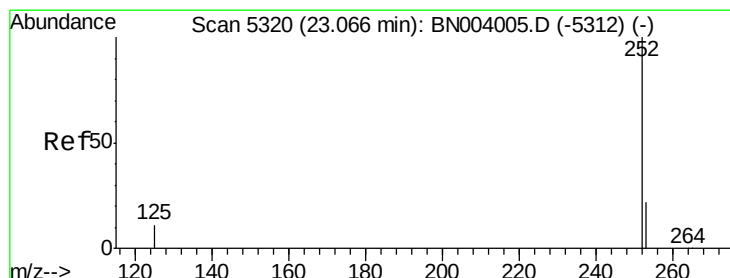
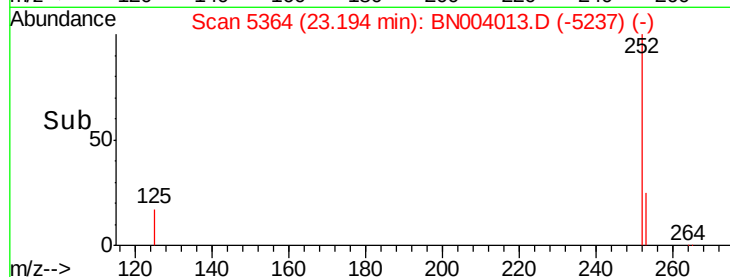
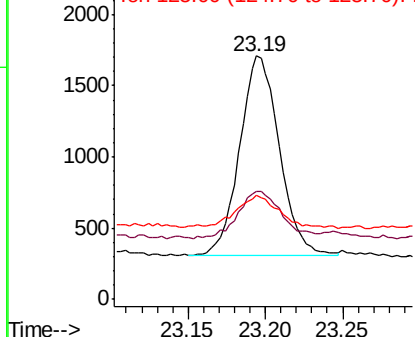
125 43.0 0.0 22.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 9.414 ng/ul

RT: 23.19 min Scan# 5364

Delta R.T. 0.13 min

Lab File: BN004013.D

Acq: 17 Dec 2018 01:51

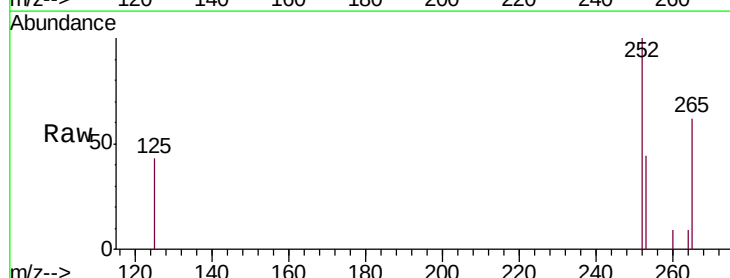
Tgt Ion:252 Resp: 2428

Ion Ratio Lower Upper

252 100

253 44.4 18.5 27.7#

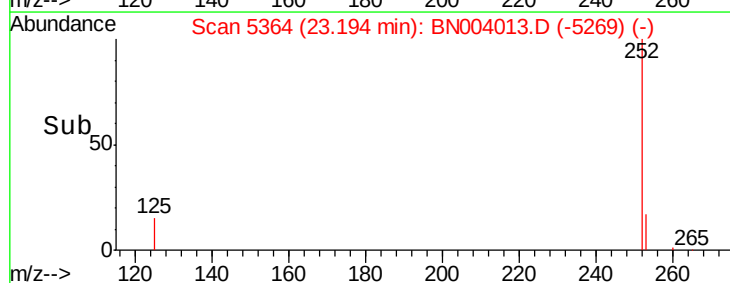
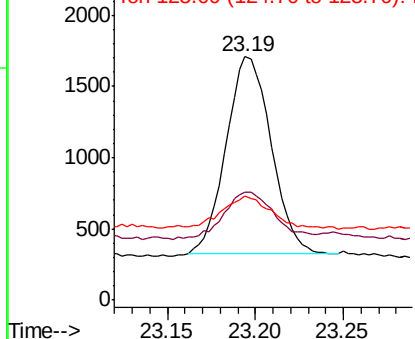
125 43.0 9.0 13.6#

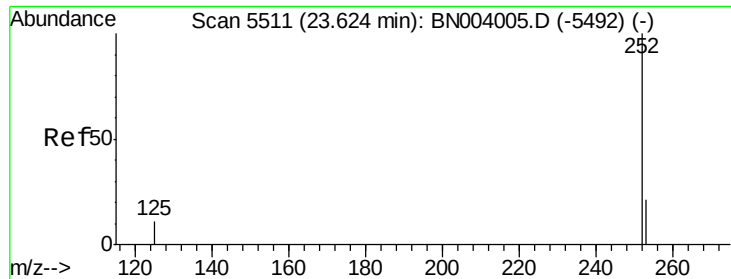


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.728 ng/ul

RT: 23.85 min Scan# 5587

Delta R.T. 0.22 min

Lab File: BN004013.D

Acq: 17 Dec 2018 01:51

Instrument :

BNA_N

ClientSampleId :

F9F17

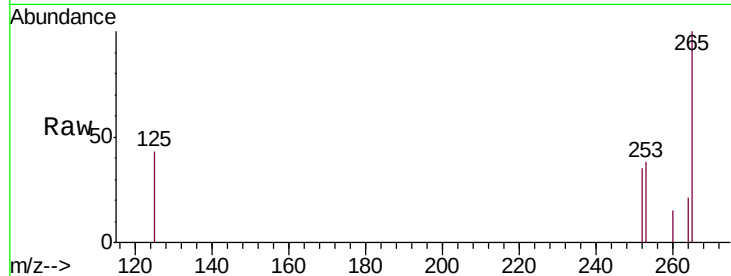
Tgt Ion:252 Resp: 167

Ion Ratio Lower Upper

252 100

253 111.2 19.0 28.4#

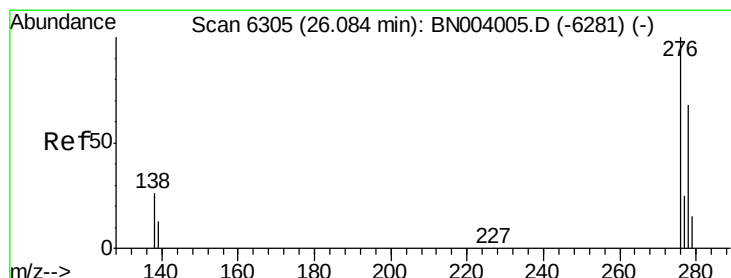
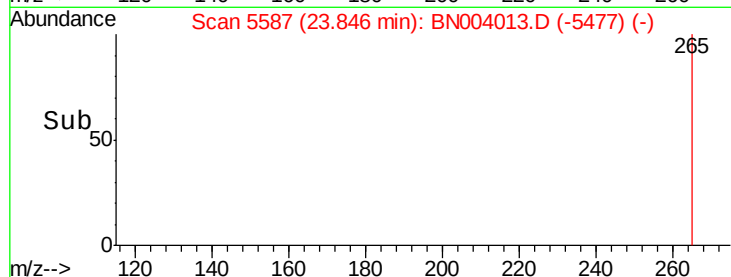
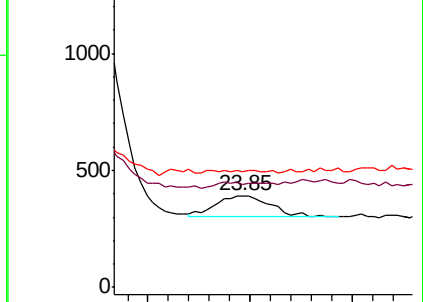
125 125.2 10.2 15.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.172 ng/ul

RT: 26.36 min Scan# 6386

Delta R.T. 0.27 min

Lab File: BN004013.D

Acq: 17 Dec 2018 01:51

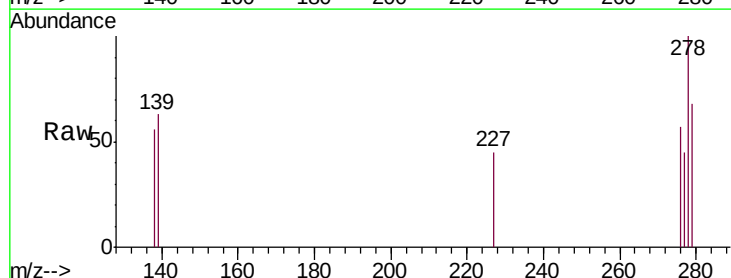
Tgt Ion:276 Resp: 308

Ion Ratio Lower Upper

276 100

138 21.8 20.3 30.5

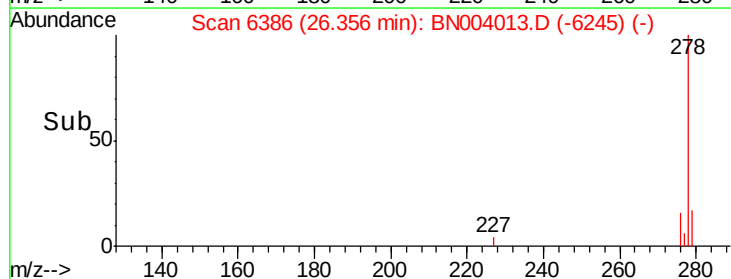
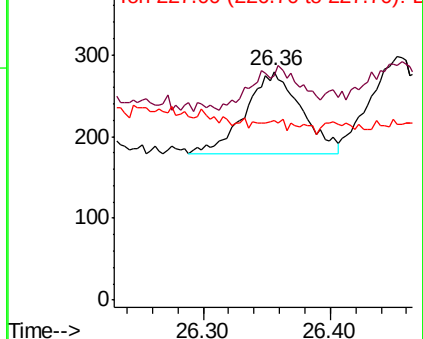
227 0.0 0.2 0.2#

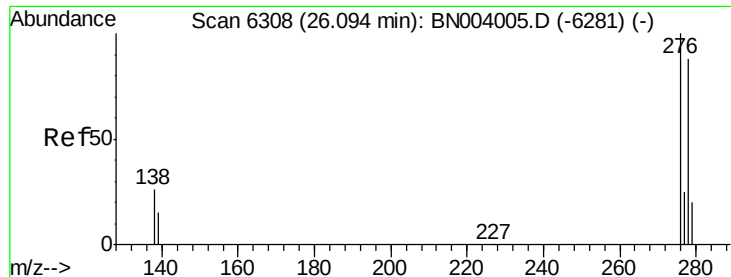


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 5.043 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. 0.26 min

Lab File: BN004013.D

Acq: 17 Dec 2018 01:51

Instrument :

BNA_N

ClientSampleId :

F9F17

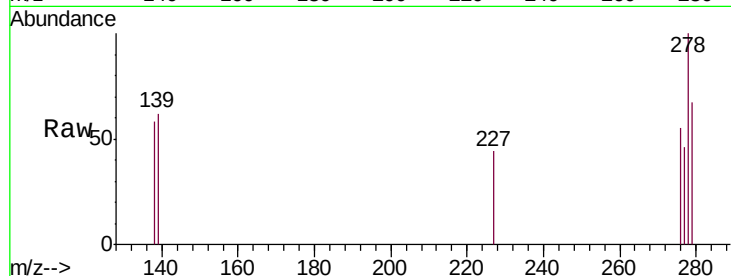
Tgt Ion:278 Resp: 1067

Ion Ratio Lower Upper

278 100

139 61.6 14.2 21.4#

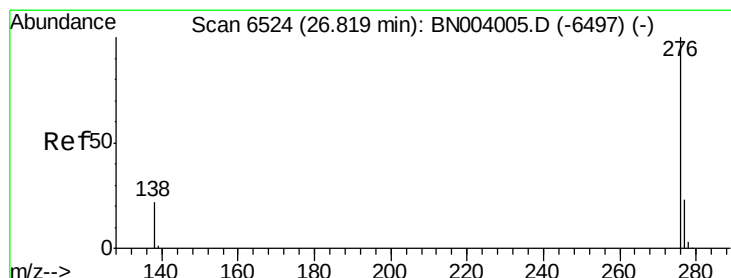
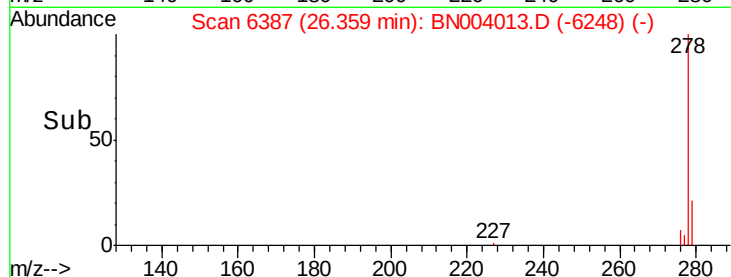
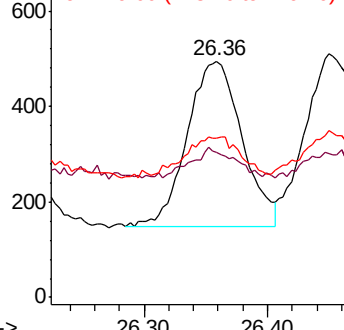
279 67.5 19.8 29.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.311 ng/ul

RT: 27.04 min Scan# 6590

Delta R.T. 0.22 min

Lab File: BN004013.D

Acq: 17 Dec 2018 01:51

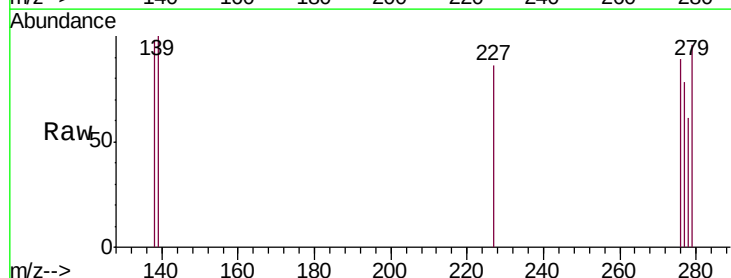
Tgt Ion:276 Resp: 71

Ion Ratio Lower Upper

276 100

138 110.5 17.7 26.5#

277 87.7 19.3 28.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

